SONY

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VAIO

VGN-FW31ZJ

Ultimate screen experience

Flagship entertainment notebook with real wide screen and Blu-ray Disc™ drive

VAIO Europe official website
http://www.vaio.eu/

VAIO Europe official website
http://www.vaiopro.eu/

KEY FEATURES

Full HD 16.4" X-black LCD display with double lamp and super realistic 100% colour fidelity

Real wide Full HD screen with 1920x1080 resolution in a compact magnesium chassis

Blu-ray Disc™ drive for data storage, watching HD movies and creating HD content

Powerful multimedia with Intel® Centrino® 2 and Windows Vista® Home Premium (64bit)

TECHNICAL SPECIFICATIONS

Operating System

Operating System	Genuine Windows Vista® Home Premium (64bit)
Microsoft® Windows® Service Pack	1

Architecture

Platform	Intel® Centrino® 2 processor technology
Chipset	Mobile Intel® PM45 Express Chipset

Colour

Cover Colour	Silver

CPU Section

Processor Name	Intel® Core™2 Duo Processor T9550, Supports Enhanced Intel SpeedStep® Technology
Processor Manufacturer	Intel®
Processor Speed (GHz)	2.66
L2 Cache (MB)	6
Frontside Bus (MHz)	1066
Number of Cores	2

Memory

Memory Size (GB)	4
Memory Speed (MHz)	800
Memory Type	DDR2 SDRAM (2x2GB)
Max. Supported Memory (GB)	8

Drives

Hard Drive Capacity (GB)	500
Hard Drive Type	Serial ATA
Hard Drive Speed (rpm)	4200
Optical Drive Type	Blu-ray Disc™ Drive (reader/writer): BD-R/-RE/-ROM/ DVD+-RW/+-R DL/RAM Drive
Optical Drive Fitting	Built-in

Drives Speed

Write	CD-R x24, CD-RW x16, DVD-R DL x4, DVD-R x8, DVD-RW x6, DVD+R DL x4, DVD+R x8, DVD+RW x6 , DVD-RAM x5, BD-Rx4, BD-RE x2, BD-R DL x4, BD-RE DL x2
Read	CD-ROM x24, CD-R x24, CD-RW x24, DVD x8, DVD-R DL x6, DVD-R x8, DVD-RW x6, DVD +R DL x6, DVD+R x8, DVD+RW x6, DVD-RAM x5, BD-ROM x4, BD-Rx4, BD-RE x2, BD-RE DL x2, BD-R DL x2

Display

Screen Type	X-black LCD with multiple lamp
Diagonal Size (in)	16.4
Resolution	1920x1080
Aspect Ratio	16:9
Resolution Type	Full HD (1920x1080)

Graphics

Graphic Card Name	ATI Mobility Radeon™ HD 3650
Total Graphics Memory	Total available graphics memory of Approx. 2280MB* with dedicated GDDR3 Video Memory of 512MB
Comments	* Total Available Graphics Memory refers to the Windows Vista® classification of graphics memory, which varies depending on the operating condition, version of device driver and system memory size

Interfaces

4 Pin i.LINK™ (IEEE1394), 400 Mbps	1
DC in	1
Memory Stick™ Slot	1
Memory Stick™ Slot Type	Memory Stick™ Std / Duo, Memory Stick™ PRO Std / Duo, high speed data transfer
SD Card Slot	1
Microphone Jack (Stereo)	1
RJ-11 Direct Port (Modem)	1
RJ-45 Direct Port (Network)	1
USB Speed	High/Full/Low
USB Port (quantity)	3
USB Version	2.0
USB Connector Type	A
VGA Connector for Monitor	1
TV out	1
TV out type	HDMI
Audio out	1
Audio out Type(s)	Stereo Headphones/Speakers Jack
Express Card Slot	1
Express Card Slot Type	34mm

Connectivity

Built-in Modem	V.92/V.90
Integrated Wireless LAN	YES
Wireless LAN Max. Date Rate (Mbps)	300 (RX)/ 150 (TX)
Wireless LAN Range (m)	max. 100
Wireless LAN Type	802.11a/b/g/Draft n
Integrated Bluetooth (Version)	2.1 + EDR
Bluetooth Range (m)	10
Ethernet network	10BASE-T/100BASE-TX/1000BASE-T

Multimedia

Intel® High Definition Audio Compatible	YES
3D Surround	Dolby Sound Room®
Built-in Stereo Speakers	YES
Windows® Sound System Compatible	YES

Built-in Camera

Built-in 'Motion Eye' Digital Camera	YES
Frames per Second	max. 30
Image Sensor (Mega Pixels)	1.3
Motion Picture Function	YES
Motion Pictures max. Resolution (pixels)	1280x1024 (SXGA)

Keyboard Section

Touch Pad	1

Features

Special Buttons	Power button, Wireless switch, Short-cut Keys (S1), AV buttons
Auto Resolution	Plug and Display
Kensigton Lock	YES
Built-in Microphone	YES

Software

Audio	VAIO Music Box, Windows Media Player 11, SonicStage Mastering Studio 2.5
Video & TV	Me&My VAIO, VAIO Content Importer / Exporter, WinDVD BD 8 for VAIO, VAIO Movie Story
Photo	Picture Motion Browser, VAIO Movie Story
CD-DVD Burning	Easy Media Creator 10, Click to Disc/Editor
Home Network	VAIO Media Plus
Office Application	Adobe® Reader® 8.1, Microsoft® Office Trial 2007 (60 days Try & Buy)
Security & Other	McAfee® Internet Security Suite (with 60 days free virus updates), VAIO Recovery Utility 2.6 - HDD recovery (hidden partition), Google software package

Supplied Accessories

AC Adaptor	YES
Battery	YES
Power Cord	YES

Dimensions

Depth Main Unit (mm)	261
Height Main Unit (min - max in mm)	29 - 37
Width Main Unit (mm)	384
Weight with Supplied Battery and Supplied Drive (kg)	3.2

Battery

Battery Type	Lithium-Ion battery (VGP-BPS13A/S)
Battery Life Time (min)	130
Battery Charging Time (min)	220
Battery Life Disclaimer	Actual battery life will vary depending on your specific hardware and software configurations. Benchmark: MobileMark 2007

Guarantee

Months	12

OPTIONAL ACCESSORIES

VGPE-MBMDM01/B

Co-branded Mandarina Duck VAIO Messenger (up to 16.4') Black

VGP-BPS13A/S

Battery Pack for FW series

VGP-AC19V30

AC Adapter

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